

Work Order ID 124257

September-11-14 12:00:13 PM

124257

Page 1

Item ID: D4728-061 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Cabin Lights Control Relay
 Start Date: 9/10/14 Start Qty: 10.00 ***10*** Cust Item ID:
 Required Date: 9/10/14 Req'd Qty: 10.00 ***10*** Customer:
 Reference:

Approvals: Process Plan: MCS Date: 14-09-14 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4728	D								

110 0.00

110

Outsource8

Outsource process- Eagle

Memo

Issue P/O to Eagle : 25885
 Manufacture as per dwg
 Certificate of conformity required

CL 14/10/23 15

120 Receive & Inspect for Damage & Mat'l Certs 0.00

120

Packaging

Packaging

Memo

Inspect and check certificate of conformity

15x 8014-12-18

130 QC4- 100% Inspect kits for completeness 0.00

130

QC

Quality Control

Memo

15
25

DAS
38
9-89

JAN 08 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 124257

September-11-14 12:00:13 PM

124257

Page 2

Item ID: D4728-061 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Cabin Lights Control Relay
Start Date: 9/10/14 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 9/10/14 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	Identify as per dwg & Stock Location: <u>mf</u>	0.00							
140									
Packaging	Memo	0.00				<u>15</u>			<u>CR 15-01-08</u>
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00				<u>MLJ</u>		<u>15-01-09</u>	
Quality Control									<u>UMF</u> <u>15-01-09</u>

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

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Picklist Print

September-11-14 12:00:12 PM

Page 1

Work Order ID: 124257

124257

Parent Item: D4728-061

D4728-061

Parent Item Name: Cabin Lights Control Relay

Start Date: 9/10/14

Required Date: 9/10/14

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP REV:A 12.11.09 NEW ISSUE DD VERF:JLM
13/07/24 DWG ULPDATE DL VERIFIED BY:JLM

IPP REV. B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4728-061P		Purchased	No				Each	1.0000		10			
D4728-061P									**				
Cabin Lights Control Relay													

15x SP14-12-18.

Location

Loc Qty

Loc Code

ST

1

93461

1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

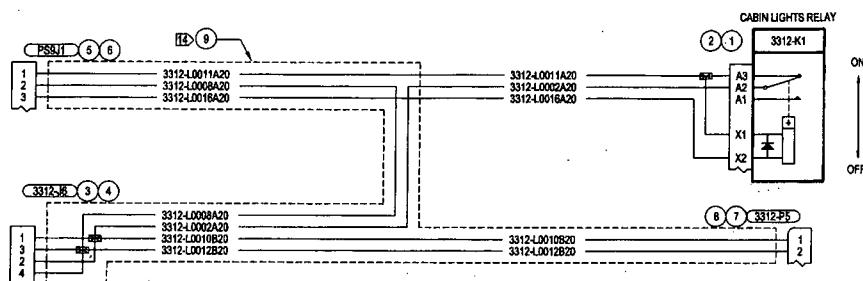
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
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Doc/Data									
Equip/Tooling									
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Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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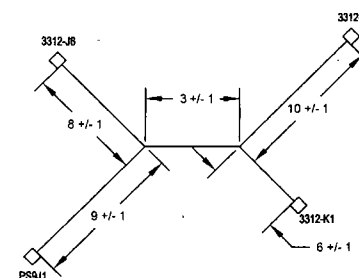
LIST OF MATERIALS				
QTY PER	ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
1	1	M83536/2-024M	RELAY	
1	2	M12883/45-01	RELAY BASE	
1	3	1-480424-0	CONNECTOR	TYCO ELECTRONICS
A/R (4)	4	60617-1	CONTACTS	TYCO ELECTRONICS
1	5	350781-1	CONNECTOR	TYCO ELECTRONICS
A/R (3)	6	350690-3	CONTACTS	TYCO ELECTRONICS
1	7	1-480305-0	CONNECTOR	TYCO ELECTRONICS
A/R (2)	8	60618-1	CONTACTS	TYCO ELECTRONICS
A/R (26)	9	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-061 CABIN LIGHTS CONTROL RELAY HARNESS ASSY.

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO 124257 MJS
14-09-16



**D4728-061 CABIN LIGHTS CONTROL RELAY
HARNESS VIEW**

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81624, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDINGS AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

RELEASED
2014-01-22
MJS

DESIGN	Deb	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	Deb		
CHECKED	Deb	DRAWING NO.	REV. D
MFG. APPR.	Lj	D4728	SHEET 14 OF 15
APPROVED	Deb	TITLE	SCALE
DE APPR.	MJS	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO25885

Purchase Order Date 9/23/2014

PO Print Date 9/23/2014

Page Number 6 of 8

Order From :

POSITRONIC INDUSTRIES INC.
423 N CAMPBELL AVE
SPRINGFIELD, MO 65806
USA

VU-POS001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

FCA - (Free Carrier)

11	D4728-057P	Ps7J1 Jumper	10/31/2014 Yes 10/31/2014 11/20	15.00 Each	✓	\$8.84	\$132.60	
							Line Total:	\$132.60
12	D4728-059P	Cabin Lights Harness	10/31/2014 Yes 10/31/2014 11/20	15.00 Each	✓	\$21.68	\$260.16	
							Line Total:	\$260.16
14	D4728-061P	Cabin Lights Control Relay	10/31/2014 Yes 10/31/2014 11/20	15.00 Each	○	\$316.86	\$4,155.96	
							Line Total:	\$4,155.96
Note:								

9/23/2014

Packing Slip

Cage Code: 54YW5
Page: 1 of 2

Ship To:

DART AERO
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-5200
Fax: 613-632-1053
DBATES@DARTAERO.COM

Sold To: MIKE GREGOIRE

DART AERO
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Phone: 613-632-5200
Fax: 613-632-1053
DBATES@DARTAERO.COM

Ship Date: 12/17/2014

F.O.B.: FOB SHIPPING POINT

CustID: 22558

Ship Via: FedEx Intl Priority

Carrier: Federal Express

Waybill #: 772283046193

Pack Slip:

42607



Salesperson

Leo Giannakopoulos

Terms: Net 30 Days

P.O. # PO25885



S.O. # 23081



SHIPPING TO CANADA-CANADA CUSTOMS/NAFTA DOCUMENTS REQUIRED

Line\Rel	Part Number	Rev	Planned Qty	Shipped Qty	Back Order Qty	UOM
14 \ 1	CC3986-V14  D4728-061	1	15.0000	15.0000 ✓		EA
Manufacturer: Positronic Industries Caribe, Inc.						
HTS # 8538908040						
PO Line	Customer Part \ Rev					
14	D4728-061 \ D 					
Lot Number	Country of Origin				Lot Qty	
02023081-14-1 	US 				15.0000 	

SP14-12-18.

SP14-12-18

16 pc initial order LT detail:

1 pc FAI ships in 12 weeks, 15 pc balance ships 4 weeks after FAI approval.

DATE CODE 48/14

Packing Slip

Cage Code: 54YW5

Page: 2 of 2

Shipping Package Information						
	Length	Height	Width UOM		Weight UOM	
1	13.00	11.00	13.00	IN	4.00	LB

Certificate of Conformance

WE CERTIFY THAT THE PRODUCT(S) FURNISHED FOR THE PURCHASE ORDER LISTED ABOVE HAS (HAVE) BEEN MANUFACTURED IN ACCORDANCE WITH POSITRONIC INDUSTRIES' ENGINEERING DRAWINGS AND MANUFACTURING PROCEDURES, AS WELL AS TO CUSTOMER SPECIFICATIONS AS LISTED ON THE PURCHASE ORDER. PHYSICAL AND CHEMICAL TEST DATA ARE ON FILE FOR VERIFICATION. PRODUCTS AND PACKAGING CONTAIN NO MERCURY. POSITRONIC INDUSTRIES WARRANTS NO ODS-CLASS I OR CLASS II(S) ARE USED IN THEIR MANUFACTURING PROCESSES; OR IN THE DESIGN, TESTING, ASSEMBLY, HANDLING, TRANSPORTATION, OR MAINTENANCE OF ANY PRODUCT THAT IT PRODUCES. ENGINEERING DATA AND EVIDENCE OF INSPECTION MAY BE SUPPLIED FOR VERIFICATION OF CONFORMANCE TO APPLICABLE MILITARY AND COMMERCIAL REQUIREMENTS.

Date: 12/17/14 Signed: DAF

QA Representative

12/17/2014 3:58:30PM

Positronic Industries Caribe, Inc.
 101 Carr #591
 Ponce, 00728
 PR
 Phone: 1 (763) 315-5300

EXPORT PACKING LIST

B I L L T O	DART AERO 1270 Aberdeen St Hawkesbury, ON K6A 1K7 CA	S H I P T O	DART AERO 1270 Aberdeen St Hawkesbury, ON K6A 1K7 CA
--------------------------------	---	--------------------------------	---

Order #	Line	P.O.	Qty Shipped	Part Number	Description
Case ID: 0026060			Dimensions: 13 x 13 x 11		Case Weight: 4LBS 2Kgs

23081	14	PO25885	15	CC3986-V14	D4728-061
				Unit Price:	\$316.86
				Item Total Value:	\$4,752.90

#/Cartons: 1

TOTAL: 4.00 Lbs

1.81 Kgs

Total Shipment Value:

4,752.90

DEPARTMENT OF THE TREASURY
UNITED STATES CUSTOMS SERVICE

NORTH AMERICAN FREE TRADE AGREEMENT
CERTIFICATE OF ORIGIN

19 CFR 181.11, 181.22

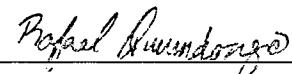
Shipment ID: 772283046193

1. EXPORTER NAME AND ADDRESS Positronic Industries Caribe, Inc. 101 Carr #591 Ponce, 00728 PR	2 BLANKET PERIOD (MM/DD/YY) FROM 01/01/14 TO 12/31/14
3. PRODUCER NAME AND ADDRESS Same as Shipper TAX IDENTIFICATION NUMBER:	4. IMPORTER NAME AND ADDRESS DART AERO 1270 Aberdeen St Hawkesbury, ON K6A 1K7 CA TAX IDENTIFICATION NUMBER:

5. DESCRIPTION OF GOODS	6. HS TARRIFF CLASSIFICATION NUMBER	7. PREFERENC E CRITERION	8. PRODUCER	9. NET COST	10. COUNTR Y OF
CC3986-V14 D4728-061	8538908040	B	YES	NO	US

I CERTIFY THAT:

- THE INFORMATION ON THIS DOCUMENT IS TRUE AND ACCURATE AND I ASSUME THE RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS. I UNDERSTAND THAT I AM LIABLE FOR ANY FALSE STATEMENTS OR MATERIAL OMISSIONS MADE ON OR IN CONNECTION WITH THIS DOCUMENT;
- I AGREE TO MAINTAIN, AND PRESENT UPON REQUEST, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATE, AND TO INFORM, IN WRITING, ALL PERSONS TO WHOM THE CERTIFICATE WAS GIVEN OF ANY CHANGES THAT COULD AFFECT THE ACCURACY OR VALIDITY OF THIS CERTIFICATE;
- THE GOODS ORIGINATED IN THE TERRITORY OF ONE OR MORE OF THE PARTIES, AND COMPLY WITH THE ORIGIN REQUIREMENTS SPECIFIED FOR THOSE GOODS IN THE NORTH AMERICAN FREE TRADE AGREEMENT, AND UNLESS SPECIFICALLY EXEMPTED IN ARTICLE 411 OR ANNEX 401, THERE HAS BEEN NO FURTHER PRODUCTION OR ANY OTHER OPERATION OUTSIDE THE TERRITORIES OF THE PARTIES; AND
- THIS CERTIFICATE CONSISTS OF PAGES, INCLUDING ALL ATTACHMENTS.

11a. AUTHORIZED SIGNATURE 	11b. COMPANY Positronic Industries Caribe, Inc.		
11c. NAME (PRINT OR TYPE) Rafael Rumbongo	11d. TITLE SHIPPER		
11e. DATE (DD/MM/YY) 17/12/14	11f. TELEPHONE NUMBER	(Voice) 787-841-0920	(Facsimile)